

Amendment dated

Reply to Office action dated January 12, 2005

REMARKS

By this amendment claims 1, 6, 12, 24, 31-32, 34, 36, and 38 are amended. Claim 28 has been cancelled. Claim 56 has been added. Claims 1-27, 29-45, and 56 remain in the application.

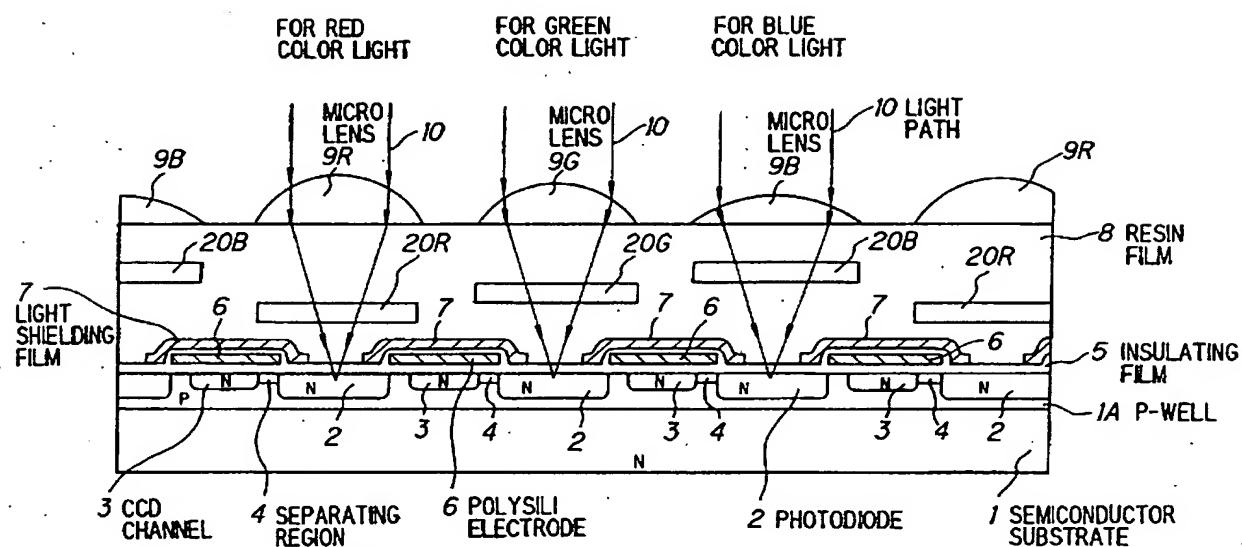
As there was no object of or rejection to claim 17, claim 17 and dependent claims 18-23 are believed to be in condition for allowance.

Claims 31-32, 34, and 38 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 31-32, 34, and 38 have been amended and are believed to be in condition for allowance. Applicants respectfully request that the rejection of claims 31-32, 34, and 38 be withdrawn.

Claims 24-27 and 30-33 stand rejected under 35 U.S.C. §102(b) as being anticipated by Hokari (US 5,493,143). Reconsideration is respectfully requested.

Claim 24, as amended, recites, in part, “a micro-lens array, comprising: a first plurality of first micro-lenses ... and a second plurality of second micro-lenses ... wherein at least one of said plurality of first micro-lenses at least abuts without overlapping at least one of said plurality of second micro-lenses.” (Emphasis added.) Hokari does not disclose such a limitation. Hokari discloses, in FIG. 9 (reproduced below), discloses the array of micro-lenses 9R, 9G, and 9B having an appreciable distance between them.. Hokari does not disclose abutment between the micro-lenses. Since Hokari does not disclose all the limitations of claim 24, claims 24 and dependent claims 25-27 and 30-33 are not anticipated by Hokari. Applicants respectfully request that the 35 U.S.C. § 102(b) rejection of these claims be withdrawn.

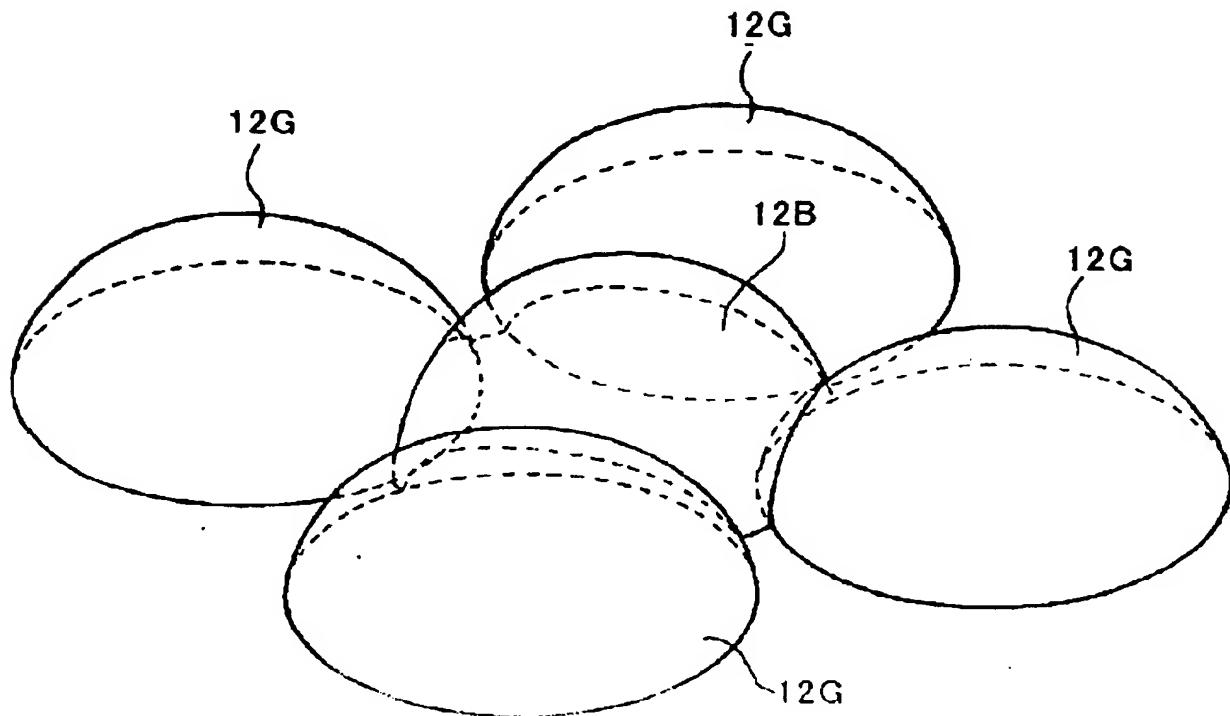
Hokari FIG. 9



Claims 1-3, 6-7, 10-16, 36-39, and 43-45 stand. Claims 24-27 and 30-33 stand rejected under 35 U.S.C. §102(e) as being anticipated by Shizukuishi (US 6,734,031). Reconsideration is respectfully requested.. Reconsideration is respectfully requested.

Claim 1, as amended, recites, in part, “at least one of said plurality of first micro-lenses at least abuts without overlapping at least one of said plurality of second micro-lenses.” (Emphasis added.) Shizukuishi does not disclose such a limitation. Shizukuishi discloses “The blue microlens patterns 12Ba is formed to partially overlap with the green microlens 12G.” Col. 5, ln. 54-55; FIG. 3 (reproduced below). The lenses overlap, which is prohibited in claim 1. Since Shizukuishi does not disclose all the limitations of claim 1, claim 1 and dependent claims 2-3 are not anticipated by Shizukuishi. Applicants respectfully request that the 35 U.S.C. § 102(e) rejection of these claims be withdrawn.

Shizukuishi FIG. 3



Claim 6, as amended, recites, in part, "said first micro-lenses at least abut without overlapping said second and third micro-lenses." (Emphasis added.) As discussed above regarding the patentability of claim 1, Shizukuishi does not disclose this limitation. The lenses of Shizukuishi do overlap. Since Shizukuishi does not disclose all the limitations of claim 6, claim 6 and dependent claims 7 and 10-11 are not anticipated by Shizukuishi.

Claim 12, as amended, recites, in part, "said first micro-lenses abut said second micro-lenses without overlapping." (Emphasis added.) As discussed above regarding the patentability of claim 1, Shizukuishi does not disclose this limitation. The

lenses of Shizukuishi do overlap. Since Shizukuishi does not disclose all the limitations of claim 12, claim 12 and dependent claims 13-16 are not anticipated by Shizukuishi.

Claim 36, as amended, recites, in part, "said second micro-lenses are each positioned in a space between adjacent said first micro-lenses such that said second micro-lenses contact without overlapping said first micro-lenses." (Emphasis added.) As discussed above regarding the patentability of claim 1, Shizukuishi does not disclose this limitation. The lenses of Shizukuishi do overlap. Since Shizukuishi does not disclose all the limitations of claim 36, claim 36 and dependent claims 37-39 and 43-45 are not anticipated by Shizukuishi.

Claims 4-5 should be allowable along with claim 1, and for other reasons. Claims 8-9 should be allowable along with claim 6, and for other reasons. Claims 29 and 35 should be allowable along with claim 24, and for other reasons. Claims 40-41 should be allowable along with claim 36, and for other reasons.

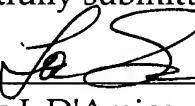
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In view of the above amendment, Applicants believe the pending application is in condition for allowance.

Dated:

Respectfully submitted,

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